

Recombinant Full Length Human STBD1 Protein, GST-tagged

Cat. No. STBD1-5314HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GENX-3414 full-length ORF (AAH22301, 1 a.a. - 358 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	358 amino acids
Description	STBD1 (Starch Binding Domain 1) is a Protein Coding gene. Among its related pathways are Innate Immune System and Diurnally Regulated Genes with Circadian Orthologs. GO annotations related to this gene include carbohydrate binding and starch binding.
Molecular Mass	65.12 kDa
AA Sequence	MGA VWSALLVGGGLAGALFWLLRGGPGDTGKDGD AEQEKDAPLGGA AIPGGHQ SGSSGLSPGPSGQELVTKPEHLQESNGHLISKTKDLGKLQAASWRLQNPSREVCDN SREHVPSGQFPDTEAPATSETSNSRSYSEVSRNESLESPMGEWGFQKGQEISAKA ATCFAEKLPSNLLKNRAKEEMSLSDLNSQDRVDHEEWEMVPRHSSWGDVGVGG SLKAPVLNLNQGM DNGRSTLVEARGQQVHGKM ERVAVMPAGSQQVSVRFQVHYV TSTDVQFIAVTGDHECLGRWNTYIPLHYNKDGFWSHSIFLPADTVVEWKFVLVENG GVTRWEECSNRFL ETGHEDKVVHAWWGIH
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	STBD1 starch binding domain 1 [Homo sapiens]
Official Symbol	STBD1
Synonyms	STBD1; starch binding domain 1; starch-binding domain-containing protein 1; FLJ41801; genethonin 1; GENX 3414; GENEX3414; GENX-3414;
Gene ID	8987
mRNA Refseq	NM_003943
Protein Refseq	NP_003934
MIM	607406
UniProt ID	O95210

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